Baranitharan Ethiraj

List of Publications by Year
in descending order

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17	619	623734	888059
papers	citations	14 h-index	17 g-index

17	17	17	669
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial peptides: Promising alternatives over conventional capture ligands for biosensor-based detection of pathogenic bacteria. Biotechnology Advances, 2022, 55, 107901.	11.7	20
2	Potentiality of petrochemical wastewater as substrate in microbial fuel cell. IOP Conference Series: Materials Science and Engineering, 2020, 736, 032015.	0.6	6
3	Bio-electrochemical power generation in petrochemical wastewater fed microbial fuel cell. Science of the Total Environment, 2019, 695, 133820.	8.0	30
4	Effect of light irradiation on esterification of oleic acid with ethanol catalyzed by immobilized Pseudomonas cepacia lipase. Canadian Journal of Chemical Engineering, 2019, 97, 2876-2882.	1.7	3
5	Biofilm re-vitalization using hydrodynamic shear stress for stable power generation in microbial fuel cell. Journal of Electroanalytical Chemistry, 2019, 844, 14-22.	3.8	21
6	An Insight of Synergy between Pseudomonas aeruginosa and Klebsiella variicola in a Microbial Fuel Cell. ACS Sustainable Chemistry and Engineering, 2018, 6, 4130-4137.	6.7	54
7	Enhanced Current Generation Using Mutualistic Interaction of Yeast-Bacterial Coculture in Dual Chamber Microbial Fuel Cell. Industrial & Engineering Chemistry Research, 2018, 57, 813-821.	3.7	46
8	Optimization of co-culture inoculated microbial fuel cell performance using response surface methodology. Journal of Environmental Management, 2018, 225, 242-251.	7.8	41
9	Augmentation of air cathode microbial fuel cell performance using wild type Klebsiella variicola. RSC Advances, 2017, 7, 4798-4805.	3.6	50
10	Electrogenic and Antimethanogenic Properties ofBacillus cereusfor Enhanced Power Generation in Anaerobic Sludge-Driven Microbial Fuel Cells. Energy & Fuels, 2017, 31, 6132-6139.	5.1	52
11	Ultrasound Driven Biofilm Removal for Stable Power Generation in Microbial Fuel Cell. Energy & Fuels, 2017, 31, 968-976.	5.1	44
12	Correlation of power generation with time-course biofilm architecture using Klebsiella variicola in dual chamber microbial fuel cell. International Journal of Hydrogen Energy, 2017, 42, 25933-25941.	7.1	26
13	Carbon Nanotube-Modified MnO₂ : An Efficient Electrocatalyst for Oxygen Reduction Reaction. ChemistrySelect, 2017, 2, 7637-7644.	1.5	16
14	Fast Biofilm Formation and Its Role on Power Generation in Palm Oil Mill Effluent Fed Microbial Fuel Cell. MATEC Web of Conferences, 2016, 62, 04002.	0.2	5
15	Enhanced power generation using controlled inoculum from palm oil mill effluent fed microbial fuel cell. Fuel, 2015, 143, 72-79.	6.4	53
16	Effect of biofilm formation on the performance of microbial fuel cell for the treatment of palm oil mill effluent. Bioprocess and Biosystems Engineering, 2015, 38, 15-24.	3.4	99
17	Bioelectricity Generation from Palm Oil Mill Effluent in Microbial Fuel Cell Using Polacrylonitrile Carbon Felt as Electrode. Water, Air, and Soil Pollution, 2013, 224, 1.	2.4	53